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INTRODUCTION.

This Review treats generally the meteorological conditions both countries. Descriptions of the storms that occurred over and Illinois. the north Atlantic Ocean are also given, and their approximate paths shown on chart i, on which also appears the distribution of icebergs and field-ice and the limits of fog-belts west of regular tri-daily weather-charts, containing data of simultative containing data of simulta the fortieth meridian.

Except over the northern and central plateau districts and the

A destructive flood prevailed in the upper Mississippi river of the United States and Canada for May, 1888, and is during the first and second decades of the month, causing based upon the reports of regular and voluntary observers of banks in the states of Minnesota Wisconsin Torra Missonsin banks in the states of Minnesota, Wisconsin, Iowa, Missouri,

neous observations taken at 133 Signal Service stations and 23 Canadian stations, as telegraphed to this office; 177 monthly north Pacific coast region, where the mean temperatures ex-ceeded the normal from 2° to 5°, the month was colder than the average May in all parts of the United States, the region of voluntary observers; 60 monthly registers from United States greatest deficiency of temperature being the upper Mississippi Army post surgeons; marine records; international simultarates deficiency of temperature being the upper Mississippi valley, where the means ranged from 6° to 9° below the normal. The rainfall for May was largely deficient in the Rio Grande valley, extreme northwest, and on the Pacific coast; it was also below the average in Florida, the lower lakes, middle slope, and middle and northern plateau districts, but the deficiencies in these latter districts were less marked than in those first named. In New England, the middle Atlantic and east Gulf states, the upper Mississippi and Missouri valleys, and northern slope there was a large excess over the average (Company: trustworthy newspaper extracts, and special renorthern slope there was a large excess over the average Company; trustworthy newspaper extracts, and special reports.

ATMOSPHERIC PRESSURE (expressed in inches and hundredths).

from the tri-daily telegraphic observations of the Signal Services vice, is shown by isobarometric lines on chart ii. The isobar May 10, showing the regions of greatest mean pressure for May 10, showing the regions of greatest mean pressure for Elovide to May, 1888, extends along the Atlantic coast from Florida to Nova Scotia, the station reporting the maximum mean pressand plateau districts, where the pressure falls below 29.85.

The departures from the normal pressure at the various Sigcess, generally less than .05. The deficiencies range from .05 over the whole country differ but slightly from the normal.

AREAS OF HIGH PRESSURE marked on the north Pacific coast. While the mean pressure for this month was for the most part below the normal, the precedit

The distribution of mean pressure for May, 1888, determined nearly the whole country, the decrease being most marked over the region from the Great Lakes to the Gulf of Mexico. A very slight increase is shown over the Gulf of Saint Lawrence.

BAROMETRIC RANGES.

The monthly barometric ranges at the various Signal Service ure, 30.04, being Hatteras, N. C. In all other regions covered by the observations the mean pressure was below 30.00, with the exception of a single station, viz., Tatoosh Island, Wash., where the mean just reached that figure. The region of minimum mean pressure embraces the southern Rocky Mountain and plateau districts. There is a station are also given in the table of miscellaneous meteorological data. The ranges, as usual, conform to the general stations are also given in the table of miscellaneous meteorological data. The ranges, as usual, conform to the general stations are also given in the table of miscellaneous meteorological data. The ranges, as usual, conform to the general stations are also given in the table of miscellaneous meteorological data. The ranges, as usual, conform to the general stations are also given in the table of miscellaneous meteorological data. The ranges, as usual, conform to the general stations are also given in the table of miscellaneous meteorological data. The ranges, as usual, conform to the general stations are also given in the table of miscellaneous meteorological data. The ranges, as usual, conform to the general transfer and decrease with the latitude and decrease slightly, though somewhat irregularly, with increasing longitude. In the states bordering on the Atlantic the extreme and plateau districts are also given in the table of miscellaneous meteorological data. I.; between the eighty-fifth and one hundredth meridians, .36 meteorological data. Comparison with the normal pressure shows a deficiency in all parts of the country, with the exMaritime Provinces of Canada, where there was a slight or

Five well-defined areas of high pressure were observed durpreceding month was for the most part below the normal, the pressure over nearly the whole country.

Five well-defined areas of the five well-defined areas of the pressure over defined areas of the pressure over defined areas of the five well-defined areas of the pressure over which approached the north pressure over nearly the whole country.

Pacific coast from west to southwest, and, after being retarded pressure over the coast line. pressure over nearly the whole country.

The barometric means of April and May, 1888, compared, shows the latter to range .10 to .20 below the former over moved to the eastward of the Rocky Mountains in a direction